

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: Unassigned  
Examiner: Unassigned

In Re PATENT APPLICATION OF:

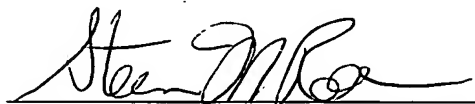
Applicant(s)	:	Junichi HIKITA et al.	)	
			)	
Serial No.	:	Divisional of Appl. Serial No. 09/499,384	)	
			)	
Filed	:	March 11, 2004	)	<b>INFORMATION</b>
			)	<b><u>DISCLOSURE</u></b>
For	:	SEMICONDUCTOR CHIP AND PRODUCTION	)	
		THEREOF, AND SEMICONDUCTOR DEVICE	)	
		HAVING SEMICONDUCTOR CHIP BONDED	)	
		TO SOLID DEVICE	)	
			)	
Attorney Ref.	:	AI 257 D1	)	_____

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, attached are copies of the Forms PTO-1449 from the parent application, serial number, **09/499,384**, which the Examiner may wish to consult during examination of this Divisional Application thereof.

Respectfully submitted,



Steven M. Rabin (Reg. No. 29.102)  
RABIN & BERDO, PC  
Customer No. 23995  
Telephone: 202-371-8976  
Facsimile: 202-408-0924

March 11, 2004  
Date

SMR:tl

**FEE ENCLOSED:\$**  
Please charge any further  
fee to our Deposit Account  
No. 18-0002

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

ROH-006

09/499.384

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

HIKITA et al.

FILING DATE

02/07/00

GROUP

2811

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO PART.		
<u>2u</u>	AG	2-267942	02/94	JAPAN	-	-	ABS		*
<u>1u</u>	AH	6-37143	11/90	JAPAN	-	-		X	*
<u>1u</u>	AI	UM 4-99537	08/92	JAPAN	-	-		X	*
<u>1u</u>	AJ	1-237148	09/89	JAPAN	-	-	ABS		*
	AK								
	AL								

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	
	AO	

EXAMINER

HUNG K. JU

DATE CONSIDERED

07/08/02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# **Notice of References Cited**

Application/Control No.

09/499,384

Applicant(s)/Patent Under  
Reexamination  
HIKITA ET AL.

Examiner

Hung K. Vu

Art Unit

2811

Page 1 of 1

## **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,269,453	12-1993	Melton et al.	228/180.22
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## **FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

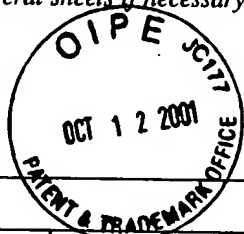
## **NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Atty. Docket No.

ROH-006

Serial No.

09/499,384

Applicant

HIKITA et al.

Filing Date

February 7, 2000

Group

2811

## U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
✓	A1	53-048469	05/1978	JAPAN	-	-		abstract
✓	A2	58-091646	05/1983	JAPAN	-	-		abstract
✓	A3	61-125141	06/1986	JAPAN	-	-		abstract
✓	A4	63-107127	05/1988	JAPAN	-	-		abstract
✓	A5	08-139096	05/1996	JAPAN	-	-	x	
✓	A6	10-270637	10/1998	JAPAN	-	-	x	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)


EXAMINER

HUNG K. VU

DATE CONSIDERED

wh/15/01

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Notice of References Cited</b>	Application/Control No. 09/499,384	Applicant(s)/Patent Under Reexamination HIKITA ET AL.	
	Examiner Hung K. Vu	Art Unit 2811	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
	A	US-6,022,792	02-2000	ISHII ET AL.	438	462
	B	US-				
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification	
	N						
	O						
	P						
	Q						
	R						
	S						
	T						

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.